

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L2	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L3	2475	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L4	1418	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L5	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L6	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L7	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L8	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L9	107	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L10	3878	L3 or L4 or L5 or L6 or L7 or L8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L11	21	L9 and L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12

## EAST Search History

L12	2	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L13	2	L11 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L14	15	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L15	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L16	2475	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L17	1418	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L18	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L19	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L20	107	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L21	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L22	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12

## EAST Search History

L23	3878	L16 or L17 or L18 or L19 or L21 or L22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L24	21	L20 and L23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L25	2	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L26	2	L24 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L27	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L28	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L29	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L30	15	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L31	2	"6518857".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L32	4	("5059929"   "5859574"   "6104261").PN. OR ("6518857"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L33	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L34	2475	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12

## EAST Search History

L35	1418	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L36	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L37	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L38	107	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L39	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L40	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L41	3878	L34 or L35 or L36 or L37 or L39 or L40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L42	21	L38 and L41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L43	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L44	2475	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L45	1418	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12

## EAST Search History

L46	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L47	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L48	107	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L49	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L50	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L51	3878	L44 or L45 or L46 or L47 or L49 or L50	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L52	21	L48 and L51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L53	2	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L54	2	L42 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L55	2	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L56	2	L52 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12

## EAST Search History

L57	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L58	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L59	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L60	15	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L61	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L62	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L63	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L64	15	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L65	2	"6518857".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L66	4	("5059929"   "5859574"   "6104261").PN. OR ("6518857"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L67	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12

## EAST Search History

L68	2475	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L69	1418	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L70	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L71	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L72	107	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L73	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L74	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L75	3878	L68 or L69 or L70 or L71 or L73 or L74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L76	21	L72 and L75	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L77	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L78	2475	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12

## EAST Search History

L79	1418	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L80	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L81	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L82	107	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L83	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L84	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L85	3878	L78 or L79 or L80 or L81 or L83 or L84	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L86	21	L82 and L85	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L87	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L88	2475	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L89	1418	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12



## EAST Search History

L90	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L91	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L92	107	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L93	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L94	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L95	3878	L88 or L89 or L90 or L91 or L93 or L94	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L96	21	L92 and L95	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L97	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L98	2475	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L99	1418	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L100	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12

## EAST Search History

L101	138	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L102	107	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L103	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L104	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L105	3878	L98 or L99 or L100 or L101 or L103 or L104	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L106	21	L102 and L105	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L107	2	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L108	2	L76 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L109	2	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L110	2	L86 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L111	2	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12

## EAST Search History

L112	2	L96 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L113	2	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L114	2	L106 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L115	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L116	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L117	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L118	15	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L119	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L120	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L121	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L122	15	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12

## EAST Search History

L123	2	"6518857".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L124	4	("5059929"   "5859574"   "6104261").PN. OR ("6518857"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L125	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L126	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L127	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L128	15	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L129	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L130	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L131	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L132	15	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L133	2	"6518857".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12

## EAST Search History

L134	4	("5059929"   "5859574"   "6104261").PN. OR ("6518857").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/03 12:12
L135	142	microwave and waveguide and "hybrid mode"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L136	1	L135 and quarterwave with slot with choke	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L137	1	L105 and quarterwave with slot with choke	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L138	2	microwave and waveguide and quarterwave with slot with choke	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L139	4	microwave and waveguide and quarterwave with slot	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L140	287	L67 and quarterwave with slot or (quarter with wave with slot)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L141	1	L67 and (quarterwave with slot or (quarter with wave with slot))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
L142	7	L67 and hybrid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/03 12:12
S1	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 10:09
S2	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 13:58
S3	2408	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 10:10

## EAST Search History

S4	1405	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 10:10
S5	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 10:10
S6	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 10:10
S7	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 10:10
S8	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/26 10:10
S9	100	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 10:11
S10	3798	S3 or S4 or S5 or S6 or S7 or S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 10:11
S11	19	S9 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 10:20
S12	1	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 10:21
S13	1	S11 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 10:20
S14	11	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 10:21

## EAST Search History

S15	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32
S16	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32
S17	2408	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32
S18	1405	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32
S19	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32
S20	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32
S21	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32
S22	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/26 12:32
S23	100	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32
S24	3798	S17 or S18 or S19 or S20 or S21 or S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32
S25	19	S23 and S24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32

## EAST Search History

S26	1	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32
S27	1	S25 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32
S28	11	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 12:32
S29	2	"6518857".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 13:04
S30	4	("5059929"   "5859574"   "6104261").PN. OR ("6518857"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/26 13:04
S31	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S32	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S33	2408	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S34	1405	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S35	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S36	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S37	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13



## EAST Search History

S38	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 08:13
S39	100	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S40	3798	S33 or S34 or S35 or S36 or S37 or S38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S41	19	S39 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S42	1	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S43	1	S41 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S44	11	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S45	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S46	2408	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S47	1405	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S48	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13

## EAST Search History

S49	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S50	100	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S51	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S52	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 08:13
S53	3798	S46 or S47 or S48 or S49 or S51 or S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S54	19	S50 and S53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S55	1	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S56	1	S54 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S57	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S58	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S59	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 08:13

## EAST Search History

S60	11	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S61	2	"6518857".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 08:13
S62	4	("5059929"   "5859574"   "6104261").PN. OR ("6518857"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 08:13
S63	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S64	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S65	2408	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S66	1405	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S67	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S68	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S69	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S70	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 10:16
S71	100	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16

## EAST Search History

S72	3798	S65 or S66 or S67 or S68 or S69 or S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S73	19	S71 and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S74	1	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S75	1	S73 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S76	11	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S77	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S78	2408	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S79	1405	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S80	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S81	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S82	100	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S83	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16

## EAST Search History

S84	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 10:16
S85	3798	S78 or S79 or S80 or S81 or S83 or S84	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S86	19	S82 and S85	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S87	1	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S88	1	S86 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S89	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S90	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S91	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 10:16
S92	11	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S93	2	"6518857".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S94	4	("5059929"   "5859574"   "6104261").PN. OR ("6518857").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 10:16

## EAST Search History

S95	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S96	2408	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S97	1405	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S98	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S99	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S10 0	100	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S10 1	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S10 2	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 10:16
S10 3	3798	S96 or S97 or S98 or S99 or S101 or S102	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S10 4	19	S100 and S103	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S10 5	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16

## EAST Search History

S10 6	2408	219/678-695.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S10 7	1405	333/248-251.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S10 8	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S10 9	133	219/690.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S11 0	100	risman.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S11 1	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S11 2	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 10:16
S11 3	3798	S106 or S107 or S108 or S109 or S111 or S112	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S11 4	19	S110 and S113	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S11 5	1	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S11 6	1	S104 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16

## EAST Search History

S11 7	1	tey and microwave and waveguide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S11 8	1	S114 and tey	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S11 9	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S12 0	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S12 1	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 10:16
S12 2	11	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S12 3	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S12 4	2	"5828040".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S12 5	15	("2500752"   "3177333"   "3210511"   "3745292"   "3764770"   "3843862"   "3845267"   "3855440"   "3961152"   "5400524").PN. OR ("5828040").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 10:16
S12 6	11	tey and microwave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16
S12 7	2	"6518857".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:16



## EAST Search History

S12 8	4	("5059929"   "5859574"   "6104261").PN. OR ("6518857").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/27 10:16
S12 9	135	microwave and waveguide and "hybrid mode"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:21
S13 0	0	S129 and quarterwave with slot with choke	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:22
S13 1	0	S113 and quarterwave with slot with choke	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:22
S13 2	1	microwave and waveguide and quarterwave with slot with choke	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 10:30
S13 3	3	microwave and waveguide and quarterwave with slot	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 11:03
S13 4	271	S63 and quarterwave with slot or (quarter with wave with slot)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 11:04
S13 5	0	S63 and (quarterwave with slot or (quarter with wave with slot))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 11:04
S13 6	5	S63 and hybrid	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/27 11:05